

GARCIA-BLANCO et al
Serial No.: 09/465,802
August 15, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-4 (Cancelled).

5. (Previously Presented) A method of determining the likelihood of metastasis of a prostate tumor in a human patient comprising assaying said tumor for FGF-R2 IIIc isoform mRNA, wherein expression of the FGF-R2 IIIc isoform mRNA indicates said tumor is likely to metastasize.

DI 6. (Previously Presented) A method of assessing the androgen sensitivity of a prostate tumor in a human patient comprising assaying said tumor for FGF-R2 IIIc isoform mRNA, wherein expression of the FGF-R2 IIIc isoform mRNA correlates with androgen insensitivity.

7. (Previously Presented) A method of determining the likelihood of metastasis of a prostate tumor in a human patient comprising assaying said tumor for FGF-R2 IIIb isoform mRNA, wherein lack of expression of the FGF-R2 IIIb isoform mRNA indicates said tumor is likely to metastasize.

8. (Previously Presented) A method of assessing androgen sensitivity of a prostate tumor in a human patient comprising assaying said tumor for FGF-R2 IIIb

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isoform mRNA, wherein lack of expression of the FGF-R2 IIIb isoform mRNA correlates with androgen insensitivity.

9. (New) A method of assaying the androgen sensitivity of a prostate tumor in a human patient comprising:

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- i) assaying said tumor for FGF IIIc isoform mRNA, wherein expression of said FGF-R2 IIIc isoform mRNA correlates with androgen insensitivity, or
 - ii) assaying said tumor for a loss of expression of the FGF R2 IIIb isoform mRNA wherein said loss of expression correlates with androgen insensitivity.

10. (New) A method of determining the likelihood of metastasis of a prostate tumor in a human patient comprising assay said tumor for a loss in expression of FGF R2 IIIb isoform mRNA wherein said loss of expression indicates said tumor is likely to metastasize.
